

# SYSTEM AND METHOD OF A STACKABLE WIRELESS INTERNET PROTOCOL BASE STATION

## ABSTRACT OF THE DISCLOSURE

5 A wireless office communication system including a multi-protocol, multi-sector wireless internet base station (WIBS) encompassing a base station controller, a mobile switch controller and an Ethernet interface module for coupling the WIBS to an existing internet protocol (IP) based network. The interface module provides for coupling the WIBS to an Ethernet back-bone, a  
10 mobile communication unit and a public switch telephone network (PSTN). In one embodiment of the invention, stackable base modules including a transceiver, channel elements and an Ethernet interface unit are integrated in a base station to provide scalability of an enterprise wireless network.